

Nur für Forschungszwecke

HO-1/HMOX1 Polyklonaler Antikörper



Katalog-Nr.:CL488-10701

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL488-10701	GenBank-Zugangsnummer: BC001491	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von3162	GeneID (NCBI): 3162	Empfohlene Verdünnungen: IF 1:50-1:500
Nanodrop;	Vollständiger Name: heme oxygenase (decycling) 1	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Wirt: Kaninchen	Berechnete Masse: 33 kDa	
Isotyp: IgG	Beobachtete Masse: 28-33 kDa	
Immunogen Katalognummer: AG1190		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : humanes Leberkarzinomgewebe,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Heme oxygenase (HMOX1) catalyzes the first and rate-limiting step in the degradation of heme to yield equimolar quantities of biliverdin I α , carbon monoxide (CO), and iron. It has 3 isoforms: HO-1 is highly inducible, whereas HO-2 and HO-3 are constitutively expressed (PMID:10194478). Heme oxygenase-1 (HO-1) is expressed in many tissues and vascular smooth muscle cells, and endothelial cells (PMID:15451051) and has been identified as an important endogenous protective factor induced in many cell types by various stimulants, such as hemolysis, inflammatory cytokines, oxidative stress, heat shock, heavy metals, and endotoxin (PMID: 11522663). And the full-length HO-1 is very unstable and susceptible to truncation that generates an inactive, soluble form (28 kDa) (James R. Reed, Pharmacology, 535-568).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

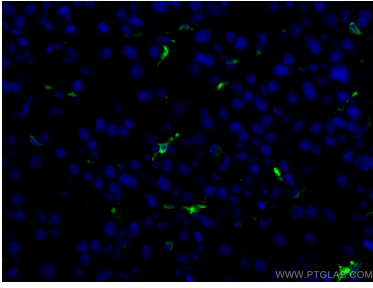
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

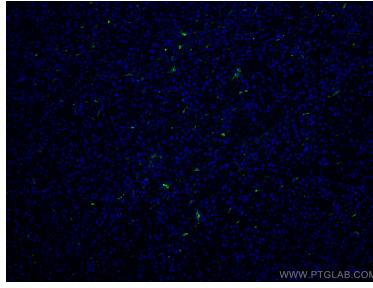
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 HO-1/HMOX1 antibody (CL488-10701) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 HO-1/HMOX1 antibody (CL488-10701) at dilution of 1:200.